| Ref<br># | Hits    | Search Query                                | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|---------|---|---|---------------------|---------|------------------|
| S1       | 2.      | ("20050140598").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05 12:13 |
| S2       | 1885    | (345/76).CCLS.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/22 16:00 |
| S3       | 128024  | (gate or data) adj line\$1                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2007/02/22 16:02 |
| S5       | 392952  | (pixel or pel or picture adj element)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/22 16:04 |
| S6       | 4404080 | signal                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/22 16:06 |
| S7       | 5890    | horizontal adj period                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/22 16:17 |
| S8       | 3213883 | current                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2007/02/22 16:18 |
| S9       |         | S2 and (S3 same S4) and (S6 with S8) and S7 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/02/22 16:20 |

| S10 | 0  | S2 and (S3 same S4) and (S6 and S8) and S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OŔ     | OFF | 2007/02/22 16:20      |
|-----|----|---|---|--------|-----|-----------------------|
| S11 | 2  | S2 and (S3 and S4) and (S6 and S8) and S7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR     | OFF | 2007/02/22 16:21      |
| S12 | 47 | (S3 and S4) and (S6 and S8) and S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR     | OFF | 2007/02/22 16:22<br>· |
| S13 | 1  | chang yeon kim  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ    | OFF | 2007/02/22 16:24      |
| S14 | 0  | han sang lee  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ    | OFF | 2007/02/22 16:23      |
| S15 | 80 | han sang lee  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR : | OFF | 2007/03/05 16:02      |
| S16 | 39 | chang yeon kim  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR   | OFF | 2007/02/22 16:50      |
| S17 | 44 | myung ho lee  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR   | OFF | 2007/02/22 16:43      |
| S18 | 6  | ("20010019319"   "20030058195"  <br>"20030071772"   "6188453"  <br>"6310589"   "6417825").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR     | OFF | 2007/02/22 16:47      |

| S19 | 3      | ("6188453").URPN.                          | USPAT   | OR   | OFF   | 2007/02/22 16:48 |
|-----|--------|--|---|------|-------|------------------|
| S20 | 387446 | driv\$3 near2 circuit\$1                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/05 12:14 |
| S21 | 20564  | horizontal near2 period                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/07 10:48 |
| S22 | 134044 | voltage adj signal\$1                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/05 12:16 |
| S23 | 67612  | current adj signal\$1                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/05 12:17 |
| S24 | 2      | (S20 with S21) same (S22 with S23)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/05 13:06 |
| S25 | 394202 | (pixel or pel or picture adj element)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF.  | 2007/03/05 13:06 |
| S26 | 2      | (S20 with S21) same (S22 with S23) and S25 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF . | 2007/03/05 13:50 |
| S27 | 21     | (S20 with S21) and (S22 with S23) and S25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2007/03/05 14:12 |

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| S28 | 9    | ("20030067455"   "5585950"  <br>"5812105"   "6114715"   "6339415"<br>  "6342937"   "6369785"  <br>"6479171"   "6589674").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2007/03/05 13:37 |
| S29 | 18   | ("5748160"   "5812105"  <br>"5828181"   "5844368"   "5877695"<br>  "5973456").PN. OR ("6339415").<br>URPN.                   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2007/03/05 13:43 |
| S30 | 836  | gamma near1 voltage  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:46 |
| S31 | 1    | (S20 with S21) same (S22 with S23) and S25 and S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:50 |
| S32 | 1    | (S20 same S21) and (S22 same S23) and S25 and S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:51 |
| S33 | 1    | (S20 and S21) and (S22 same S23)<br>and S25 and S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:51 |
| S34 | 1    | (S20 and S21) and (S22 and S23)<br>and S25 and S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:53 |
| S35 | 56   | S22 with S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 13:54 |
| S36 | 1893 | (345/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/05 14:12 |

| S37 | 0    | (365/189).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 14:13 |
|-----|------|--|---|-----|-----|------------------|
| S38 | 0    | (365/189).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 14:13 |
| S39 | 1250 | (345/690).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 14:15 |
| S40 | 2    | S27 and S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 14:15 |
| S41 | 10   | ("20030067455"   "5585950"  <br>"5812105"   "6114715"   "6339415"<br>  "6342937"   "6369785"  <br>"6479171"   "6589674").PN. OR<br>("6788298").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2007/03/05 14:34 |
| S42 | 693  | gate near driver gate adj signal<br>(one or first) and horizontal and<br>period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:38 |
| S43 | 693  | gate near driver and gate adj signal<br>(one-or first) and horizontal and<br>period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:41 |
| S44 | 1570 | (current near1 signal)same pixel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:40 |

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| S45              | 67  | (current near1 signal)same pixel and second adj time  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:40 |
| S46              | 0   | gate near driver and gate adj signal<br>(one or first) and horizontal and<br>period and first near1time   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:41 |
| S47 <sub>.</sub> | 113 | gate near driver and gate adj signal<br>(one or first) and horizontal and<br>period and first near1 time  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/03/05 14:42 |
| S48              | 0   | S45 and S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 14:42 |
| S49              |     | ("6977470").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 15:14 |
| S50              | 5   | ("20040004443"   "6373454"  <br>"6501466"   "6753654"  <br>"6841948").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2007/03/05 15:15 |
| S51              | 26  | ("20010055828"   "20020135313"   "20020180369"   "20030062524"   "20030189206"   "5684365"   "5952789"   "5990629"   "6023259"   "6091203"   "6307322"   "6351078"   "6452341"   "6486606").PN. OR ("6753654"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2007/03/05 15:29 |
| S52              | 4   | ("7106281").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/03/05 16:00 |

| S53 | 0  | ("15and16and17").PN.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 16:01 |
|-----|----|---|---|------|-----|------------------|
| S54 |    | ("s15ands16ands17").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/05 16:01 |
| S55 | 80 | han sang lee  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2007/03/05 16:02 |
| S56 | 39 | chang yeon kim .  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2007/03/05 16:02 |
| S57 | 44 | myung ho lee  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2007/03/05 16:02 |
| S58 |    | S55 and S56 and S57                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2007/03/05 16:03 |
| S59 | 2  | ("20020195967"   "6756951").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2007/03/05 16:09 |
| S60 | 0  | ("7133010").URPN.                                       | USPAT   | OR   | OFF | 2007/03/05 16:11 |
| S61 | 0  | ("7133010").URPN.                                       | USPAT   | OR   | OFF | 2007/03/05 16:11 |
| S62 | 2  | ("20020195967"   "6756951").PN.<br>OR ("7133010").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2007/03/05 16:11 |
| S63 | 2  | ("20030038760").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 11:14 |

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| S64  | . 4    | ("7106281").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 13:36 |
| S65  | 7      | ("20050190177"   "6084579"  <br>"6229506"   "6229508"   "6369786"<br>  "6628258"   "6731266").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR          | OFF         | 2007/03/06 13:51 |
| S66. | 9      | "5164639"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 13:54 |
| S67  | 2      | "7119767"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 14:07 |
| S68  | 7498   | voltage near driver   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/07 11:14 |
| S69  | 776218 | el or electro-luminescence  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/12 11:18 |
| S70  | 867    | S68 and S69   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 14:09 |
| S71  | 1899   | (345/76).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 14:10 |
| S72  | 124    | S68 and S69 and S71   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF         | 2007/03/06 16:57 |

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| S73 | 2568  | (315/169.3).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 15:06 |
| S74 | 1119  | S69 and S73   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 15:06 |
| S75 | 84    | S69 and S73 and S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 15:06 |
| S76 | 20    | ("4937517"   "5440208"   "5670792"   "6087885"   "6127704"   "6239958"   "6421034"   "6469317"   "6476419"   "6512504"   "6522079"   "6524895"   "6529178"   "6531713"   "6545359"   "6548960"   "6556177"   "6580408"   "6580409"   "6724149").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2007/03/06 15:24 |
| S77 | 25295 | (horizontal or frame) near period   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 15:25 |
| S78 | 238   | S68 and S77 and S69   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | OFF | 2007/03/06 15:58 |
| S79 | 2.    | "20020195967"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/06 15:59 |
| S80 | 837   | gamma near1 voltage   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/06 17:03 |

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| S81 | 3      | S68 and S69 and S71 and S80   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/06 16:59 |
| S82 | 9      | S68 and S69 and S80   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/06 16:59 |
| S83 | 89     | S69 and S80   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF  | 2007/03/06 17:04 |
| S84 | 1      | ("6977470").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/07 08:39 |
| S85 | 5      | ("20040004443"   "6373454"  <br>"6501466"   "6753654"  <br>"6841948").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR . | OFF. | 2007/03/07 08:49 |
| S86 | 2      | "20050140595"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/07 08:57 |
| S87 | 2      | ("20020195967").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/07 10:25 |
| S88 | 9195   | horizontal near period  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF  | 2007/03/07 16:57 |
| S89 | 776218 | el or electro-luminescence  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF  | 2007/03/07 10:49 |

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| S90 | 748  | S88 and S89  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 10:49 |
| S91 | 1899 | (345/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 14:15 |
| S92 | 103  | S88 and S89 and S91  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 10:49 |
| S93 | 2    | ("20020195967"   "6756951").PN.<br>OR ("7133010").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/07 11:04 |
| S94 | 13   | ("5311169"   "5461430"  <br>"5699085"   "5710589"   "5856812"<br>  "6014119"   "6034479"  <br>"6057678"   "6118613"   "6147665"<br>  "6195076"   "6359604"  <br>"6518962").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/07 11:13 |
| S95 | 5882 | (voltage near driver) and (current neardriver)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 14:48 |
| S96 | 1510 | (voltage near driver) with (current neardriver)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 11:15 |
| S97 | 194  | (voltage near driver) with (current neardriver)and S89   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 16:28 |
| S98 | 1208 | S89 and S91  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/07 14:15 |

| S99      | 505 | S89 and S91 and @pd<"20040416"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 14:28 |
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| S10<br>0 | 619 | (voltage near driver) and (first near switch\$2)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 14:49 |
| S10<br>1 | 71  | (voltage near driver) and (first near<br>switch\$2)and S89                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 14:50 |
| S10<br>2 | 30  | (voltage near driver) and (first near<br>switch\$2)and S89 and<br>@pd<"20040416" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/07 15:10 |
| S10<br>3 | 71  | (voltage near driver) and (data near line\$1)and S89 and @pd<"20040416"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:40 |
| S10<br>4 | 8   | (voltage near driver) with (data<br>near line\$1)and S89 and<br>@pd<"20040416"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:09 |
| S10<br>5 | 2   | "20040135521"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:09 |
| S10<br>6 | 87  | (voltage near driver) with (current neardriver)and S89 and @pd<"20040416"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:29 |

|          |         | ·  |   |      |     |                  |
|----------|---------|--|---|------|-----|------------------|
| S10<br>7 | 52      | (voltage near driver) and (data near line\$1)and S89 and (image near data)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:41 |
| S10<br>8 | 13      | (voltage near driver) and (data near line\$1)and S89 and (image near data)and @pd<"20040416" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 16:41 |
| S10 _ 9  | 2600297 | (horizontal near period) or (frame)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/07 17:01 |
| S11<br>0 | 201238  | (horizontal near period) or<br>(frame)and S89  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 17:01 |
| S11<br>1 | 9223    | (horizontal near period) or<br>(frame)and S89 and S106                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 17:02 |
| S11<br>2 | 394406  | (pixel or pel or picture adj element)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/07 17:03 |
| S11<br>3 | 9221    | (horizontal near period) or<br>(frame)and S89 and S106 and S112                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 17:03 |
| S11<br>4 | 9201    | (horizontal near period) or (frame)same S89 and S106 and S112                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/07 17:03 |

|          | ····   |   |   |    |     | <del> </del>     |
|----------|--------|---|---|----|-----|------------------|
| S11<br>5 | 5924   | horizontal adj period   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 08:39 |
| S11<br>6 | 2254   | S115 and (control near1 signal)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 08:41 |
| S11<br>7 | 134211 | voltage adj signal\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 08:41 |
| S11<br>8 | 67699  | current adj signal\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 08:41 |
| S11<br>9 | 59     | S115 and (control near1 signal)and<br>S117 and S118   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 09:03 |
| S12<br>0 |        | ("20030038760").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 11:34 |
| S12<br>1 | 64     | (appl\$4 or suppl\$4 or provid\$4 or driv\$4) near9 voltage near9 current near9 (horizontal adj2(period or cycleor duration)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 15:15 |
| S12<br>2 | 1072   | (345/82).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/08 15:16 |

| S12      | 0     | S122 and @pd<"10040416"   | US-PGPUB;   | OR   | OFF   | 2007/03/08 15:19 |
|----------|-------|---|---|------|-------|------------------|
| 3        |       | 7111 did Gps 1 100 10 110   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |      |       | 2307,00,00 13.13 |
| S12<br>4 | 649   | S122 and @pd<"20040416"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/08 15:21 |
| S12<br>5 | 64    | (appl\$4 or suppl\$4 or provid\$4 or driv\$4) near9 voltage near9 current near9 (horizontal adj2(period or cycleor duration)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/08 15:51 |
| S12<br>6 | 0     | S122 and @pd<"20040416" and S125  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF · | 2007/03/08 15:20 |
| S12<br>7 | 2     | ("6965362").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/12 09:09 |
| S12<br>8 | 2     | ("20040201554").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2007/03/12 09:10 |
| S12<br>9 | 87649 | (electro-luminesc\$4 or electroluminesc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/14 08:28 |
| S13<br>0 | 1547  | (current and voltage)same (data adj driv\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2007/03/12 11:22 |

| S13<br>1 | 366        | S129 and S130  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/12 11:29 |
|----------|------------|--|---|----|-----|------------------|
| S13<br>2 | 2          | ("6737438").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/12 11:29 |
| S13<br>3 | 0          | ("(appl\$4orsuppl\$4orprovid\$4ordriv<br>\$4)near9gammanear9voltage").PN.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 13:06 |
| S13<br>4 | 1624       | (appl\$4 or suppl\$4 or provid\$4 or driv\$4) near9 gamma near9 voltage          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 13:08 |
| S13<br>5 | 87683      | (electro-luminesc\$4 or electroluminesc\$4)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 13:08 |
| S13<br>6 | <b>164</b> | (appl\$4 or suppl\$4 or provid\$4 or driv\$4) near9 gamma near9 voltage and S135 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 13:08 |
| S13<br>7 | 1          | plurality adj1 voltage adj block\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 08:21 |
| S13<br>8 | 1          | plurality adj2 voltage adj block\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 08:21 |

| S13<br>9 | 2168  | voltage adj block\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:22 |
|----------|-------|---|---|------|-----|------------------|
| S14<br>0 | 93    | (voltage adj block\$1) and (current adj block\$1)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/14 08:44 |
| S14<br>1 | 87683 | (electro-luminesc\$4 or electroluminesc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:28 |
| S14<br>2 | 15    | S141 and S139   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:28 |
| S14<br>3 | 12000 | (voltage adj block\$1) or (current adj block\$1)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:35 |
| S14<br>4 | 49    | S143 and S141   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:35 |
| S14<br>5 |       | (voltage adj blocks) and (current adj blocks)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:46 |
| S14<br>6 | 0     | (plurality near1 voltage adj block\$1)<br>and (plurality near1 current adj<br>blocks) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:48 |

| S14<br>7 | 0     | (plurality near1 (voltage adj<br>block\$1)) and (plurality near1<br>(current adj blocks))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:49 |
|----------|-------|---|---|------|-----|------------------|
| S14<br>8 | 0     | (plurality near1 (voltage adj1<br>block\$1)) and (plurality near1<br>(current adj1 blocks)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:49 |
| S14<br>9 | 18143 | plurality adj(voltage near1 block\$1) or (current near1 block\$1)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 08:54 |
| S15<br>0 | 138   | S149 and S141   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 09:07 |
| S15<br>1 | 33    | plurality adj1 data adj driv\$3 adj<br>circuit\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 13:35 |
| S15<br>2 | 1904  | (345/76).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/14 09:24 |
| S15<br>3 | 869   | S152 and @pd<"20040416"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/14 15:13 |
| S15<br>4 | 3     | S141 and S151   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/03/14 13:35 |

| S15<br>6 | 1904 | (345/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 14:55 |
|----------|------|--|---|----|-----|------------------|
| S15<br>7 | 169  | (347/76).CCLS.   | USPAT;<br>USOCR   | OR | OFF | 2007/03/14 14:56 |
| S15<br>8 | 282  | (347/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | OFF | 2007/03/14 14:58 |
| S15<br>9 | 1904 | (345/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 15:13 |
| S16<br>0 | 726  | S159 and @pd<"20040416"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2007/03/14 15:14 |
| S16<br>1 | 1904 | (345/76).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 15:14 |
| S16<br>2 | 13   | ("5311169"   "5461430"  <br>"5699085"   "5710589"   "5856812"<br>  "6014119"   "6034479"  <br>"6057678"   "6118613"   "6147665"<br>  "6195076"   "6359604"  <br>"6518962").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/14 15:20 |